

REMARKS/ARGUMENT

The non-elected claims have been cancelled without prejudice to Applicants right to file an appropriate continuing application directed thereto.

As is clear from page 10 at the present application, the multilayer circuit component of the present invention is formed by a sequential baking method. A ceramic substrate has a first glass-containing layer applied to it followed by baking and then a second glass-containing layer is formed followed by baking. By defining both a first wettability (of the first glass-containing layer with the ceramic substrate) and a second wettability (of the second glass-containing layer with the first glass-containing layer) such that the baking shrinking rates of the first and second glass-containing layers are the same, it is possible to control the wettability relative to the substrate and the glass-containing layers, and prevent the amount of baking shrinking of the two layers from being uneven. Thus, the amount of baking shrinkage can be adjusted by bringing the first wettability close to the second wettability in this sequential baking method.

The elected claims were rejected under 35 U.S.C. 102 over JP '936. This rejection is respectfully traverse.

As a preliminary manner, it should be noted that the only English language text relating to JP '936 is the abstract which the applicant submitted to the Patent Office. The Office Action appears to be referring to a different English language version in that a refers to a specific paragraphs in the reference. That additional English language reference is not of record and therefore Applicant cannot comment on its accuracy.

The JP '936 reference relates to a multilayer laminated glass circuit board formed by the green sheet lamination method. There is a baked sheet (1) on which a

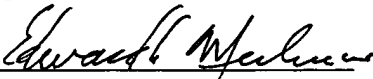
series of insulation layers (1a through 1e) are provided and the insulation layers consists of glass components having respected glass transition points which differ by at least 80° C.

The Office Action acknowledges that JP '936 does not "specifically" disclose the physical property limitations of wettability and the contact angle. More accurately, JP '936 does not appear to have any teachings with regard to these characteristics at all. The Office Action attempts to avoid the consequences of this factual deficiency by asserting that those properties would be "inherently" present. While Applicant agrees that wettability and contact angles would inherently be present, it is respectfully submitted that this observation does not focus on the claims under consideration. Those claims call for there being a first wettability, namely the wettability of the first glass-containing layer relative to the ceramic substrate, and second wettability, namely the wettability of the second glass-containing layer to the first glass-containing layer and further calls for the first and second wettabilities to be such that the baking shrinkage rates of the two glass containing layers are about the same. There is nothing in the reference which appears to be relevant to this feature . The fact that each individual glass may have a wettability and a contact angle indicates nothing about the relative wettabilities and relative contact angles of the glasses to each other. Accordingly, it is respectfully submitted that a rejection is not tenable and should be withdrawn.

In light of all of the foregoing considerations, it is respectfully submitted that this Application is now in condition to be allowed and the early issuance of a Notice of Allowance is respectfully solicited.

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Respectfully submitted,

By 

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